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WASHINGTON, D. C. 20231  
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APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/035,350	10/26/2001	Roger L. Schultz	SC-00-12

CONFIRMATION NO. 2238

## FORMALITIES LETTER



\*OC000000007471052\*

Groover & Associates p.c.  
17000 Preston Road, Suite 230  
Dallas, TX 75248

Date Mailed: 02/13/2002

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

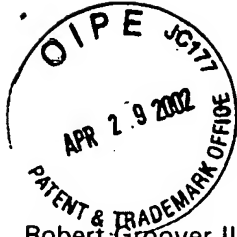
- The statutory basic filing fee is missing.  
*Applicant must submit \$ 740 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).*
- Total additional claim fee(s) for this application is \$690.
  - \$18 for 1 total claims over 20.
  - \$672 for 8 independent claims over 3 .
- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 1560.

*A copy of this notice **MUST** be returned with the reply.*

*MT Beyone*  
Customer Service Center  
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

05/02/2002 BNGUYEN1 00000010 10035350  
01 FC:101 740.00 DP  
02 FC:102 672.00 DP  
03 FC:103 18.00 DP  
04 FC:105 130.00 DP



# GROOVER & ASSOCIATES

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Robert Groover III, Reg'd Patent Atty.

April 15, 2002, via Express Mail

Commissioner of Patents  
Box **PATENT APPLICATION**  
Washington DC 20231  
Re: Patent Application **10/035,350** of  
**Halliburton Energy Services, Inc.** filed  
10/ 26/ 2001  
Inventorship: **Schultz et al.**  
(Roger L. Schultz, Orlando De Jesus,  
Andrew J. Osborne, Jr.)  
Title: **Mean Strain Ratio Analysis**  
**Method and System for Detecting Drill Bit Failure and Signaling Surface Opera-**  
**tor (Docket No. SC-00-12)**

I certify that this correspondence, including the attachments listed, is being deposited with the United States Postal Service, Express Mail - Post Office to Addressee service, receipt No. EL914142649115 in an envelope addressed to Commissioner of Patents and Trademarks, Washington DC 20231, on the date shown below.

4/15/02  
Date of Mailing

Signature

Honorable Commissioner:

Enclosed are a signed original Declaration and Power of Attorney, an executed Assignment (with Form PTO-1595 cover sheet); and formal drawings.

These papers are being filed in response to a **Notice of Missing Parts** mailed 02/ 13/ 2002 (copy attached). Any extension of time necessary for the consideration of these papers is hereby respectfully requested. Also enclosed is a check for the filing fee plus surcharge. (Please charge any additional fee needed to complete filing, or credit any overpayment to Deposit Account No. 07-2320.) The correct amount of fee is believed to be as follows (but in any case the Commissioner is requested to grant any extension necessary to prevent abandonment).

## FEE CALCULATION - LARGE ENTITY

Basic Filing Fee			\$740
Independent Claims:	11 - 3 =	8 @ \$84 =	\$672
Total Claim Fee:	21 - 20 =	1 @ \$18 =	\$18
Fee for Filing Missing Parts:			\$130
Recordation of Assignment:			40
<b>TOTAL FEE:</b>			<b>\$1600</b>

Repln. Ref: 05/02/2002 BNGUYEN1 0017233800  
DAH:072320 Name/Number:10035350  
FC: 704 \$55.00 CR

Respectfully submitted,

Robert Groover, Registration No. 30,059